



# EXHIBIT A

DECEMBER 07, 2001

PTAS

BIRCH, STEWART, KOLASCH & BIRCH, LLP  
GERALD M. MURPHY, JR.  
P.O. BOX 747  
FALLS CHURCH, VA 22040-0747

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
www.uspto.gov



\*101862735A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/26/2001

REEL/FRAME: 012217/0597  
NUMBER OF PAGES: 4

BRIEF: RE-RECORD TO CORRECT THE ASSIGNOR'S NAME, PREVIOUSLY RECORDED AT REEL 011797, FRAME 0164.

ASSIGNOR:

GREN, TORKE

DOC DATE: 04/12/2001

ASSIGNOR:

RINGBERG, ANDERS

DOC DATE: 05/03/2001

ASSIGNOR:

WIKBERG, MARTIN

DOC DATE: 04/27/2001

ASSIGNOR:

WALD, RANDY J.

DOC DATE: 04/14/2001

ASSIGNEE:

PHARMACIA AB  
SE-112 87 STOCKHOLM, SWEDEN

*Pct*

SERIAL NUMBER: 09763281  
PATENT NUMBER:

FILING DATE: 05/10/2001  
ISSUE DATE:

012217/0597 PAGE 2

TONYA LEE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

# BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR  
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

## ASSIGNMENT

Application No. 09/763,281

Filed February 21, 2001

Insert Name(s)  
of Inventor(s)

WHEREAS, Torkel GREN Anders RINGBERG  
Martin WIKBERG Randy J. WALD  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Insert Title  
of Invention

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in

NEW CONTROLLED RELEASE BEAD, A METHOD OF PRODUCING THE SAME AND MULTIPLE  
UNIT FORMULATION COMPRISING IT

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).

Insert Date  
of Signing of  
Application

on April 12, 2001; May 3, 2001; April 27, 2001; and April 14, 2001, respectively; and

Insert Name  
of Assignee

WHEREAS, PHARMACIA AB

Insert Address  
of Assignee

of SE-112 87 Stockholm SWEDEN

CHECK BOX  
IF APPROPRIATE

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and ☐ in any foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 4/12/01

Name of Inventor Torkel Gren  
(signature) Torkel GREN

Date 5/03/01

Name of Inventor Anders Ringberg  
(signature) Anders RINGBERG

Date 4/27/01

Name of Inventor Martin Wikberg  
(signature) Martin WIKBERG

Date 4/4/01

Name of Inventor Randy J. Wald  
(signature) Randy J. WALD

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
(signature)

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
(signature)

10-03-2001

Atty. Docket No.: 1614-0246P

Page 1 of 1



101862735

## RECORDATION FORM COVER SHEET

To the Honorable Commissioner of Patents and Trademarks:  
Please record the attached original documents or copy thereof.



1. Name of conveying party(ies):

GRUBBS, J. R.  
RINGBERG, Anders  
WIKBERG, Martin  
WALD, Randy J.

9-26-01

2. Name and address of receiving party(ies)

PHARMACIA AB  
SE-112 87 Stockholm  
Sweden

Additional name(s) of conveying party(ies) attached?

☐ YES ☒ NO

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other:

Additional name(s) & address(es) attached? ☐ YES ☒ NO

Execution Date: April 12, 2001; May 3, 2001; April 27,  
2001; and April 14, 2001, respectively

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s).

09/763,281

B. Patent No.(s).

Additional numbers attached? ☐ YES ☒ NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP  
Street Address: P.O. BOX 747  
City: FALLS CHURCH State: VA ZIP: 22040-0747  
Country: USA

6. Total No. of applications/patents involved: One (1)

7. Total fee (37 C.F.R. § 3.41): \$40.00

- ☒ Enclosed  
☒ Authorized to be charged to deposit account,  
if no fee attached.

8. Deposit account number: 02-2448

(Attach triplicate copy of this page  
if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gerald M. Murphy, Jr., #28,977  
Name of Person Signing/Reg. No.

*Gerald M. Murphy, Jr.* 28,977  
Signature

September 26, 2001  
Date

Total number of pages including cover sheet, attachments, and document: Three (3)

GMM/tm

MAY 10 2001

Atty. Docket No.: 1614-0246P

Page 1 of 1

RECO

05-17-2001

T

To the Honorable  
Please record

101719726

marks:  
hereof.

receiving party(ies)

1. Name of conveying party(ies):

Torkel GREN, Anders RINGBERG, Marten WIKBERG  
and Randy J. WALD

PHARMACIA AB

SE-112 87 Stockholm

Sweden

Additional name(s) of conveying party(ies) attached?

☐ YES ☒ NO

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other:Execution Date: April 12, 2001; May 3, 2001; April 27,  
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09/763,281

B. Patent No.(s).

Additional numbers attached? ☐ YES ☒ NO5. Name and address of party to whom correspondence  
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Street Address: P.O. BOX 747

City: FALLS CHURCH State: VA ZIP: 22040-0747

Country: USA

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Gerald M. Murphy, Jr., #28,977

Name of Person Signing/Reg. No.

Signature

May 10, 2001

Date

Total number of pages including cover sheet, attachments, and document: Three (3)

GMM/las

(Rev. 01/11/01)

D 77

Attention: BOX ASSIGNMENTS  
PATENT  
1614-0246P



IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Torkel GREN et al. Conf.: 5301  
Appl. No.: 09/763,281 Group: 1615  
Filed: May 10, 2001 Examiner: A. PULLIAM  
For: NEW CONTROLLED RELEASE BEAD, A METHOD  
OF PRODUCING THE SAME AND MULTIPLE UNIT  
FORMULATION COMPRISING IT

LETTER

**BOX ASSIGNMENTS**

**September 26, 2001**

Assistant Commissioner for Patents  
and Trademarks  
Washington, DC 20231

Sir:

Corrections are being made to the originally filed Recording of Assignment cover sheet, pursuant to 37 C.F.R. §3.34, with respect to the above-identified application.

A review of the Assignment and the Notice of Recordation reflects that a typographical error occurred in the typing of **third inventor's first name**. The Recording of Assignment Cover Sheet is now corrected to properly reflect the correct spelling of the third inventor's first name, namely

--MARTIN--

A new Recording of Assignment cover sheet is attached as well, for which a check in the amount of \$40.00 is attached.

With the corrections being underlined, please insure that the Corrected Notice of Recordation reads:

[WIKBERG, MARTEN]: WIKBERG, MARTIN

Please provide a Corrected Notice of Recordation incorporating the above correction.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By

*Rick M. Murphy* 28,781  
Gerald M. Murphy, Jr., #28,977

P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

*RG*  
GMM/RG/tm  
1614-0246P

ATTACHMENTS: New Recordation Cover Sheet  
Copy of Notice of Recordation  
Copy of previous Recordation Cover Sheet  
Copy of Assignment  
Check in the amount of \$40.00



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JULY 31, 2001

PTAS

BIRCH, STEWART, KOLASCH & BIRCH, LLP  
GERALD M. MURPHY, JR.  
P.O. BOX 747  
FALLS CHURCH, VA 22040-0747



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RECORDATION DATE: 05/10/2001

REEL/FRAME: 011797/0164  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

GREN, TORKEL

DOC DATE: 04/12/2001

ASSIGNOR:

RINGBERG, ANDERS

DOC DATE: 05/03/2001

ASSIGNOR: MARTIN

WIKBERG, MARTEN

DOC DATE: 04/27/2001

ASSIGNOR:

WALD, RANDY J.

DOC DATE: 04/14/2001

ASSIGNEE:

PHARMACIA AB  
SE-112 87 STOCKHOLM, SWEDEN

Pdf

SERIAL NUMBER: 09763281

FILING DATE: 05/10/2001

PATENT NUMBER:

ISSUE DATE:

011797/0164 PAGE 2

PAULA MCCRAY, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

Attention: BOX ASSIGNMENTS  
PATENT  
1614-0246P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Torkel GREN et al. Conf.: 5301  
Appl. No.: 09/763,281 Group: 1615  
Filed: May 10, 2001 Examiner: A. PULLIAM  
For: NEW CONTROLLED RELEASE BEAD, A METHOD  
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Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By Rich M. Murphy 28,781  
for Gerald M. Murphy, Jr., #28,977

P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

26  
GMM/RG/tm  
1614-0246P

ATTACHMENTS: New Recordation Cover Sheet  
Copy of Notice of Recordation  
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Check in the amount of \$40.00

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WIKBERG, Martin  
WALD, Randy J.

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PHARMACIA AB  
SE-112 87 Stockholm  
Sweden

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☐ Security Agreement ☐ Change of Name  
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Execution Date: April 12, 2001; May 3, 2001; April 27,  
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09/763,281

## B. Patent No.(s).

Additional numbers attached? ☐ YES ☒ NO

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City: FALLS CHURCH State: VA ZIP: 22040-0747  
Country: USA

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## 8. Deposit account number: 02-2448

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gerald M. Murphy, Jr., #28,977  
Name of Person Signing/Reg. No.

*Gerald M. Murphy, Jr.* 28,977  
Signature

September 26, 2001  
Date

Total number of pages including cover sheet, attachments, and document: Three (3)

GMM/tm

CERTIFICATION OF MAILED DOCUMENT(S) TO U.S.P.T.O.

The undersigned hereby certifies that the correspondence indicated on the attached photocopy of the postcard receipt was reviewed and found to be in proper order for filing in the U.S.P.T.O. by

- ☐ Certificate of Mailing Procedures (This correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231; on the below indicated date.)
- ☒ Hand Carry to the U.S.P.T.O. mailroom by MRS. CHIN/MISS LEE on the below indicated date.
- ☐ Telefaxed to the U.S.P.T.O. on the below indicated date in accordance with the procedures for faxing documents to the U.S.P.T.O. Upon successful transmission to the U.S.P.T.O., a copy of the facsimile Transaction Report will be attached herewith.

Signed: Edelbraud F. Mahoney

Date: 9-26-01

APPL. NO.:  
ATTORNEY DOCKET NO.:  
RESPONSIBLE ATTY./SECY.:  
DUE DATE:

09/26/01 281  
1614-0246P  
SHM/PM EM  
J - None -

DOCKET NO. 1614-0246 P

(Rev. 04/19/2000)

Pages Filed (separately): 4-26-01  
DOCKET NO. 1614-0246 P BY SHM/PM  
APPLICANT(S) SHINJI CHIN ET AL.  
APPL. NO. 09/26/01 FILED Thu 9/27/01  
PAT. NO. \_\_\_\_\_

☐ New Application with Transmittal Letter  
☐ Utility ☐ Design ☐ ODP ☐ PCT ☐ Provisional  
☐ Filing Under 37 CFR 1.53(b)  
☐ Filing Under 37 CFR 1.53(b) (CPA)  
☐ Filing Under 37 CFR 1.11 (FOE)  
☐ Specification Consisting of \_\_\_\_\_ pages  
☐ Continued Declaration & Power of Attorney  
☐ Assignment / Control Letter  
☐ Letter to Official/Draftsman  
☐ Drawings \_\_\_\_\_ Sheets ☐ Formal ☐ Informal ☐ Trial Ink  
☐ Copy of Filing Requirements, PCT/Docketing  
☐ Filing Letter and Filing Declaration  
☐ Priority Document(s) / Cover Letter No. Doc. \_\_\_\_\_  
☐ Amendment \_\_\_\_\_  
☐ Transmittal Letter ☐ Large Entry ☐ Small Entry  
☐ Response \_\_\_\_\_  
☐ Information Sheet (PTO-1419a) \_\_\_\_\_  
☐ Notice of Appeal ☐ Appeal Brief  
☐ Issue Fee Transmittal  
☒ FEES \$ 74.00 (see 09/26/01)  
☒ Letter Requesting Withdrawal of Appeal 09/26/01  
☒ Other Letter Requesting Withdrawal of Appeal  
☐ \_\_\_\_\_  
☐ \_\_\_\_\_  
☐ \_\_\_\_\_  
Receipt is hereby acknowledged on this date as indicated in connection with the above identified case.  
COMMISSIONER OF PATENTS AND TRADEMARKS  
Due Date: 9/27/01  
Hand Carry \_\_\_\_\_

BIRCH, STEWART, KOLASCH AND BIRCH, LLP

CPO ACCOUNT  
8110 GATEHOUSE ROAD, SUITE 500 EAST  
P.O. BOX 747  
FALLS CHURCH, VA 22040-0747SUNTRUST BANK  
Alexandria, Virginia  
66 107  
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4020061

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TO THE  
ORDER OF

COMMISSIONER OF PATENTS AND TRADEMARKS

ID. NO.

DATE

AMOUNT

09/26/01

\$40.00

FOR RECORDING FEE

513446 1614-0246P

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#04020061# :056001079: 202564983#

DOCKET NO. 1614-0246P

Papers Filed herewith on: 9-26-01

DOCKET NO.: 1614-0246P ATTY: GHH/AG  
APPLICANT(S): Michael BREWSTER  
APPLN. NO: 04/763, 281 FILED: May 10, 2001  
PAT NO.:

- ☐ New Application with Transmittal Letter  
☐ Utility ☐ Design ☐ CIP ☐ PCT ☐ Provisional  
☐ Filing Under 37 CFR 1.53(b) ☐ CONT ☐ DIV  
☐ Filing Under 37 CFR 1.53(d) (CPA)  
☐ Filing Under 37 CFR 1.114(RCE)  
☐ Specification Consisting of: \_\_\_\_\_ pages  
☐ Combined Declaration & Power of Attorney  
☐ Assignment / Cover Letter  
☐ Letter to Official Draftsman  
☐ Drawings \_\_\_\_\_ Sheets ☐ Formal ☐ Informal ☐ Red-Ink  
☐ Completion of Filing Requirements, PCT/DQ/EO/905  
 or Formalities Letter and Executed Declaration  
☐ Priority Document(s) / Cover Letter, No. Doc. \_\_\_\_\_  
☐ Amendment:  
☐ Transmittal Ltr ☐ Large Entry ☐ Small Entry  
☐ Response \_\_\_\_\_  
☐ Information Disci Stimul. PTO-1449(s) \_\_\_\_\_ ref(s)  
☐ Notice of Appeal ☐ Appeal Brief  
☐ Issue Fee Transmittal  
☒ FEES: \$40.00 (Check # 4020061)  
☒ Letter: Patenting Application of Assignment Rec.  
☒ Other: New Registration Cover Sheet  
 - Copy of Previous Rec Entry Sheet  
 - Copy of Assignment

Receipt is hereby acknowledged of the papers filed as  
indicated in connection with the above identified case.  
COMMISSIONER OF PATENTS AND TRADEMARKS

Due Date:

Handcarry:



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JULY 31, 2001

PTAS

BIRCH, STEWART, KOLASCH & BIRCH, LLP  
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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

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ASSIGNOR: *Mikael*  
WIKBERG, MARTEN

DOC DATE: 04/27/2001

ASSIGNOR:  
WALD, RANDY J.

DOC DATE: 04/14/2001

ASSIGNEE:  
PHARMACIA AB  
SE-112 87 STOCKHOLM, SWEDEN

SERIAL NUMBER: 09763281  
PATENT NUMBER:

*P2*  
FILING DATE: 05/10/2001  
ISSUE DATE:

011797/0164 PAGE 2

PAULA MCCRAY, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS